

SYSTEMS AND METHODS FOR VIDEO COMPRESSION

Abstract of the Disclosure

The present invention is directed to systems and methods for video compression. In one embodiment, a method of encoding a matrix of transform coefficients is performed. The method includes receiving a matrix of transform coefficients, creating a probabilistic model representing dependencies and correlations between coefficient locations and groups of coefficients from said matrix, and utilizing the probabilistic model to create an entropy encoding of the matrix. The probabilistic model may be, by way of example, a Markov model.

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